ABSTRACT

There is provided a graphical development environment for digital signal processing applications (DSP). The DSP development environment is hosted by a Windows-based application builder and provides tools whereby a user lacking DSP programming knowledge may select and configure DSP functions using standard Windows drag and drop mechanisms to manipulate icons representing DSP functions, and to open and configure property pages associated with each DSP function. User selection and configuration information is used to generate descriptors for use in constructing DSP operating system modules constructed from pre-compiled binary code corresponding to the user selected and configured DSP functions.